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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

| _ |                        |   |   |  |  |  |  |  |  |
|---|------------------------|---|---|--|--|--|--|--|--|
|   | Attorney Docket No.    | 03-2143   |   |  |  |  |  |  |  |
|   | First Inventor         | Keith W. Holt   |   |  |  |  |  |  |  |
|   | Title                  | SYSTEMS AND METHODS FOR NON-INTRUSIVE TESTING OF SIGNALS BETWEEN CIRCUITS | 1 |  |  |  |  |  |  |
|   | Express Mail Label No. | EV335506515US   | - |  |  |  |  |  |  |

| APPLICATION E  | •   | Mail Stop Patent Application Commissioner for Patents P.O. Box 1450   |  |               |                          |  |  |  |
|--|---|---|--|---------------|--------------------------|--|--|--|
| See MPEP chapter 600 concerning utility pate   | ent application contents.   | Alexandria VA 22313-1450  |  |               |                          |  |  |  |
| Fee Transmittal Form (e.g., P (Submit an original and a duplicate for fix Applicant claims small entity is See 37 CFR 1.27.  Specification (preferred arrangement set forth be Descriptive title of the Invention - Cross Reference to Related Applestatement Regarding Fed sponsi   | ee processing) status.  [Total Pages 17 ] elow) ications pred R & D | <ul> <li>7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</li> <li>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> <li>a. ☐ Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on: <ol> <li>i. ☐ CD-ROM or CD-R (2 copies); or</li> <li>ii. ☐ Paper</li> </ol> </li> </ul> |  |               |                          |  |  |  |
| <ul> <li>Reference to sequence listing, a<br/>or a computer program listing app</li> </ul>   |   | c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS   |  |               |                          |  |  |  |
| Background of the Invention     Brief Summary of the Invention     Brief Description of the Drawings     Detailed Description     Claim(s)     Abstract of the Disclosure  |   | 9. Assignment Papers (cover sheet & document(s))  10. 37 C.F.R. 3.73(b) Statement Power of (when there is an assignee) Attorney  11. English Translation Document (if applicable)   |  |               |                          |  |  |  |
| 4. Drawing(s) (35 U.S.C.113)   | [Total Sheets 5 ]   | 12. 🔲   | Information E                          |               | ☐ Copies of IDS          |  |  |  |
|  | [Total Sheets 2 ]   | _   | Statement (II                          | •             |                          |  |  |  |
| a. Newly executed (original or   | copy)   | 13. 🔲   | Preliminary A                          |               |                          |  |  |  |
| b.   | 1 (37 CFR 1.63 (d))   | 14. 🔀   | 14. Return Receipt Postcard (MPEP 503) |               |                          |  |  |  |
| (for a continuation/divisional   | with Box 18 completed)  | (Should be specifically itemized)  15. Certified Copy of Priority Document(s)   |  |               |                          |  |  |  |
| i. DELETION OF INVENT  |   | (if foreign priority is claimed)  |  |               |                          |  |  |  |
| Signed statement attached dele named in the prior application, s 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37  | see 37 CFR `´   | <ul> <li>16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</li> <li>17.  Other: Certificate of Mailing by Express Mail</li> </ul>   |  |               |                          |  |  |  |
|  |   |   | Other <u>Goran</u>                     |               | ing by Express Man       |  |  |  |
| 18. If a CONTINUING APPLICATION, check   |   | the requisite   | e information be                       | elow and in a | a preliminary amendment, |  |  |  |
| or in an Application Data Sheet under 37 C   | _   | (CID)   | -6                                     | annlination M | <i>,</i>                 |  |  |  |
| ☐ Continuation ☐ Divisional  | ☐ Continuation-in-part (  | CIP)  | -                                      |               | o:/                      |  |  |  |
| Prior application information: Examiner Art Unit:  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. |   |   |  |               |                          |  |  |  |
|  | 19. CORRESPON   | DENCE AD  | DRESS                                  |               |                          |  |  |  |
| ☑ Customer Number  | 2431  | 9 OR Correspondence address below   |  |               |                          |  |  |  |
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| City   | State   |   | Zij                                    | p Code        |                          |  |  |  |
| Country  | Telephone   |   |  | Fax           | ·                        |  |  |  |
| Name (Print/Type) Daniel N. Fishm  | nan / Re  | gistration No   | o. (Attorney/Age                       | ent)          | 35,512                   |  |  |  |
| Signature This collection of information is solved by 37 St  | 1 Wale  |   |  | Date Date     | January 27, 2004         |  |  |  |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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|   | T TDANK                  | SAITTAI  | Complete if Known  |   |   |                 |  |         |  |
| r E   | E IKAN:                  | SMITTAL  | Application Number |   |   |                 |  |         |  |
| <u> </u>  | for FY 2                 | 2004   | Filing             | Filing Date                                   |   |                 |  |         |  |
| Effective 40  |                          |  | First I            | First Named Inventor                          |   | Keith           | Keith W. Holt  |         |  |
| Enective 10/  | 01/2003. Patent fees are | e subject to annual revision.                        | Exam               | Examiner Name                                 |   |                 |  |         |  |
| ☐ Applicant   | claims small entity      | status. See 37 CFR 1.27                              | Art U              | Art Unit .                                    |   |                 |  |         |  |
| TOTAL AMOU  | INT OF PAYMENT           | (\$) 810   | Attorr             | Attorney Docket No. 03-2143                   |   |                 |  |         |  |
| ME  | THOD OF PAYMENT (ch      | heck all that apply)                                 |                    |   |   | FEE C           | ALCULATION (continued)   |         |  |
| ☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order ☑ Deposit Account:   |                          |  |                    | 3. ADDITIONAL FEES  Large Entity Small Entity |   |                 |  |         |  |
| Deposit   | ,                        | Fee<br>Code  | Fee<br>(\$)        | Fee<br>Code                                   | Fee<br>(\$)                             | Fee Description | Fee Paid   |         |  |
| Account<br>Number   | 12-2252                  |  | 1051<br>1052       | 130<br>50                                     | 2051<br>2052                            | 65<br>25        | Surcharge - late filing fee or oath<br>Surcharge - late provisional filing fee |         |  |
| Deposit   |                          |  | 1053               | 130   | 1053                                    | 130             | or cover sheet.  Non-English specification                                     |         |  |
| Account   | LSI Logic Corporation    | '  | 1812               | 2.520   | 1812                                    | 2.520           | For filing a request for reexamination   | <b></b> |  |
| Name<br>The Director is au  | uthorized to: (check all | <br>I that apply)                                    | 1804               | 920*  | 1804                                    | 920*            | Requesting publication of SIR prior to Examiner action                         |         |  |
| □ Charge fee(s) ir     □ Charge any add   | ndicated below           | edit any overpayments e pendency of this application | 1805               | 1,840*  | 1805                                    | 1,840*          | Requesting publication of SIR after Examiner action                            |         |  |
| ☐ Charge fee(s) in to the above-identi  | 1251                     | 110  | 2251               | 55  | Extension for reply within first month  |                 |  |         |  |
| to the above-lacing   | 1252                     | 420  | 2252               | 210   | Extension for reply within second month |                 |  |         |  |
| 1. BASIC,FI   | LING FEE                 |  | 1253               | 950   | 2253                                    | 475             | Extension for reply within third month   |         |  |
| I — <del> </del>  | Small Entity             |  | 1254               | 1,480   | 2254                                    | 740             | Extension for reply within fourth month  |         |  |
| Fee Fee F   | ee Fee <u>Fee Des</u>    | cription   | 1255               | 2 010   | 2255                                    | 1.005           | Extension for reply within fifth month   |         |  |

| fultiple   Stant   Recording each patent assignment   Rependent   Small Entity      | 1003                  | 530   | 2003    | 265 F     | Plant filing fee   |                |                | 1403      | 290   | 2403 | 145   | Request for oral hearing                |    |
|--|-----------------------|-------|---------|-----------|--------------------|----------------|----------------|-----------|-------|------|-------|---|----|
| SUBTOTAL (1) (\$) 770   1452   110   2452   55   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unintentional   1453   1,330   2501   665   Utility issue fee (or reissue)   1501   1,330   2501   665   Utility issue fee (or reissue)   1502   480   2502   240   Design issue fee   1503   640   2503   320   Petition to revive – unintentional   1501   1,330   2501   2502   240   Design issue fee   1503   640   130   1460   130   Petitions to the Commissioner   1460   130   1460   130   Petitions to the Commissioner   1807   50   1807   50   Processing fee under 37 CFR 1.17 (q)   1806   180   1806   180   1806   180   Submission of Information Disclosure   Strnt   Recording each patent assignment   40   Periporetry (times number of properties)   Properties   Property (times number of properties)   Properties   Property (times number of properties)   Properties)   Properties   Property (times number of properties)   Properties   Properties   Properties   Properties  |                       |       |         |           | •                  | <b>⊢</b>       |                | 1451      | 1,510 | 1451 | 1,510 |   |    |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from Fee Claims below Paid Haims 3 -3 ** = 0 X 86 = 0 1807 50 1807 50 Processing fee under 37 CFR 1.17 (q) Submission of Information Disclosure Stmt  Recording each patent assignment per property (times number of properties)  Fee Fee Fee Fee Fee Fee Code (\$) Code (\$) Fee Description  1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1204 86 2204 43 Independent claims in excess of 20 and over original patent  1501 1,330 2501 665 Utility issue fee (or reissue)  1502 480 2502 240 Design issue fee 1503 320 Plant issue fee 1503 640 130 1460 130 Petitions to the Commissioner 1807 50 Processing fee under 37 CFR 1.17 (q) Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties)  1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))  1809 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))  1801 770 2801 385 Request for Continued Examination of a design application  1802 900 1802 900 Request for expedited examination of a design application  1803 1804 1805 180 1806 180 180 | 1005                  | 100   | 2005    | 60 F      | 10visionai illiini | lee [          |                | 1452      | 110   | 2452 | 55    | Petition to revive - unavoidable        |    |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Claims  Tee from Pelow Paid 1503 640 2503 320 Plant issue fee  1503 640 2503 320 Plant issue fee  Plant issu   | SUBTOTAL (1) (\$) 770 |       |         |           |                    |                |                | 1453      | 1,330 | 2453 | 665   | Petition to revive – unintentional      |    |
| Extra   Fee from   Fee below   Paid   1503   640   2503   320   Plant issue fee   1503   640   130   1460   130   Petitions to the Commissioner   1807   50   1807   50   Processing fee under 37 CFR 1.17 (q)   1806   180   1806   180   Submission of Information Disclosure   Stmt   Recording each patent assignment   Per property (times number of properties)   1809   770   2809   385   Filing a submission after final rejection (37 CFR § 1.129(a))   1202   18   2202   9   Claims in excess of 20   1810   770   2810   385   For each additional invention to be examined (37 CFR § 1.129(b))   1204   86   2204   43   Multiple dependent claims in excess of 20   1802   900   1802   900   Request for Continued Examination of a design application   1802   900   Request for expedited examination of a design application   1802   900   1802   900   Request for expedited examination of a design application   1802   900   1802   90     |                       |       |         |           |                    |                |                | 1501      | 1,330 | 2501 | 665   | Utility issue fee (or reissue)          |    |
| Claims   20   -20 ** =   0     X   18   =   0     1460   130   1460   130   Petitions to the Commissioner   1460   130   Petitions to the Commissioner   1460   130   1460   130   Petitions to the Commissioner   1460   130   1460   130   Petitions to the Commissioner   1460   130   1460   130   Petitions to the Commissioner   1460   130   1460   130   1460   130   Petitions to the Commissioner   1460   130   1460   140   1460   140   1460   14     | 2. EX1                | RA CL | AIM FEE | S FOR     |                    |                |                | 1502      | 480   | 2502 | 240   | Design issue fee                        |    |
| otal Claims 20 -20 ** = 0  |                       |       |         |           |                    |                |                | 1503      | 640   | 2503 | 320   | Plant issue fee                         |    |
| Adependent 3 -3 ** = 0 X 86 = 0 1807 50 Processing fee under 37 CFR 1.17 (q) 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties)    Large Entity   Small Enti   | Total Clair           | ns 20 | -20     | = F       |                    |                |                | 1460      | 130   | 1460 | 130   | Petitions to the Commissioner           |    |
| Autiple dependent    Large Entity  |                       | =     | =       |           |                    |                |                | 1807      | 50    | 1807 | 50    | Processing fee under 37 CFR 1.17 (q)    |    |
| Small Entity   Smal     | Claims                | " 3   | -3,     | " = [     | <u> </u>           | 86 :           | = 0            | 1806      | 180   | 1806 | 180   |   |    |
| Code   (\$)   Code   (\$)   Fee Description   (37 CFR § 1.129(a))  | Dependent             |       | ı Sma   | li Entity | x [                | :              | = 0            | 8021      | 40    | 8021 | 40    | per property (times number of           | 40 |
| 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 "Reissue independent claims over original patent" 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent"  1206 18 2207 43 Independent claims in excess of 3 1208 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application  1801 770 2801 385 Request for Continued Examination of a design application  1802 900 1802 900 Request for expedited examination of a design application  1808 1809 900 Request for expedited examination of a design application  | Fee<br>Code           |       |         |           | Fee Descri         | ption          |                | 1809      | 770   | 2809 | 385   |   |    |
| 1203 290 2203 145 Multiple dependent claim, if not paid  **Reissue independent claims over original patent  **Reissue claims in excess of 20 and over original patent  **Reissue claims in excess of 20 and over original patent  **Reissue claims in excess of 20 and over original patent  Other fee (specify)   | 1202                  | 18    | 2202    | 9         | Claims in ex       | xcess of 20    |                | 1810      | 770   | 2810 | 385   |   |    |
| 1204 86 2204 43 ** Reissue independent claims over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent Other fee (specify)   | 1201                  | 86    | 2201    | 43        | Independen         | nt claims in e | xcess of 3     |           |       |      |       | examined (37 CFR § 1.129(b))            |    |
| 1205 18 2205 9 reginal patent 1802 900 I 1802 900 Request for expedited examination of a design application 1802 900 I 1802 900 Request for expedited examination of a design application Other fee (specify)  | 1203                  | 290   | 2203    | 145       | Multiple der       | pendent clair  | n, if not paid | 1801      | 770   | 2801 | 385   | Request for Continued Examination (RCE) |    |
| 1205 18 2205 9 Reissue claims in excess of 20 and over original patent Other fee (specify)   | 1204                  | 86    | 2204    | 43        |                    |                | claims over    | 1802      | 900   | 1802 | 900   |   |    |
|  | 1205                  | 18    | 2205    | 9         |                    |                | ess of 20 and  |           |       |      |       | or a design application                 |    |
|  | SURTOTAL (2) (S) O    |       |         |           |                    |                | Other fo       | ee (speci | fy)   | -    |       |   |    |

1401

1402

1403

770

330

330

2401

2402 165

2403 145

\*Reduced by Basic Filing Fee Paid

165

Notice of Appeal

Request for oral hearing

Filing a brief in support of an appeal

SUBTOTAL (3)

(\$) 40

1001

1002

770

340

2001

2002

385

170

\*\*or number previously paid, if greater, For Reissues, see above

Utility filing fee

Design filing fee

SUBMITTED BY Complete (if applicable) Registration No: (Atto(ney/Agent) Name (Print/Type) Daniel N. Fishman 35,512 Telephone 303-938-9999 Signature Date January 27, 2004

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Included on this form. Provide credit card information and authorization on FTO-2036.

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| ·  | Application Number     |               |  |  |  |  |  |
|--|------------------------|---------------|--|--|--|--|--|
| Certificate of Mailing under 37 CFR 1.10 | Filing Date            |               |  |  |  |  |  |
|  | First Named Inventor   | Keith W. Holt |  |  |  |  |  |
| ·  | Examiner Name          |               |  |  |  |  |  |
| ·  | Attorney Docket Number | 03-2143       |  |  |  |  |  |

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On <u>January 27, 2004</u> Date

Signature)
Julie M. Jung

Typed or Printed Name of Person Signing Certificate

Utility Patent Application Transmittal (1 page)
Fee Transmittal (1 page) in Duplicate
Specification (17 pages)
Drawings (5 pages)
Combined Declaration and Power of Attorney (2 pages)
Recordation Form Cover Sheet (1 page) in Duplicate and Assignment (2 pages)
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